Index of Claims

| App | licatio | n/Con | itrol No. |
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09/753,450

Examiner

John Van Bramer

Applicant(s)/Patent under Reexamination

SUGIYAMA ET AL.

Art Unit

3622

| <b>√</b> | Rejected |
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| =        | Allowed  |

- (Through numeral) Cancelled

Cancelled N Non-Elected
Restricted I Interference

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| Cla          | aim      | Date     |                 |           |   |          | Cla                | Claim Date   |              |                 |          |           |                 |               | CI      | aim          | Date            |                 |          |          |          |            |          |          |         |           |          |               |                 |               |   |
|--------------|----------|----------|-----------------|-----------|---|----------|--------------------|--------------|--------------|-----------------|----------|-----------|-----------------|---------------|---------|--------------|-----------------|-----------------|----------|----------|----------|------------|----------|----------|---------|-----------|----------|---------------|-----------------|---------------|---|
| Final        | Original | 1/18/06  |                 |           |   |          |                    |              |              |                 | Final    | Original  |                 |               |         |              |                 |                 |          |          | Final    | Original   |          |          |         |           |          |               |                 |               |   |
|              | 1        | 1        | H               | $\neg$    |   |          |                    |              |              |                 | <b>—</b> | 51        |                 | T             | $\top$  | 十一           |                 | $\exists$       |          | _        |          | 101        | 7        | $\top$   | $\top$  | T         | $\dashv$ | 十             | 寸               |               |   |
|              | 2        | 1        | П               |           |   |          |                    |              |              |                 |          | 52        |                 |               |         |              |                 |                 |          |          |          | 102        |          | $\Box$   |         | $\perp$   |          | $\Box$        | $\Box$          | $\Box$        |   |
|              | 3        | 1        |                 |           |   |          |                    |              |              |                 |          | 53        |                 |               |         |              |                 |                 |          |          |          | 103        |          |          |         | ┵         | _        | _             | $\dashv$        |               |   |
|              | 4        | 1        | Ш               |           |   |          |                    |              |              | Ш               |          | 54        | $\sqcup$        |               | _       | _            |                 | $\dashv$        |          | _        |          | 104        | _        | _        | _       | 4         | _        | $\dashv$      | $\dashv$        | 4             | _ |
|              | 5        | V        |                 | _         |   |          |                    |              |              |                 |          | 55        | $\sqcup$        |               | 4       | <u> </u>     |                 | $\dashv$        | _        | _        |          | 105        | _        | _        | $\perp$ | 4         | -        | $\dashv$      | $\dashv$        | _             |   |
| <u> </u>     | 6        | 1        | Ш               |           |   |          |                    |              |              | $\square$       |          | 56        | 11-             | - -           | $\bot$  | <u> </u>     | Ш               |                 | -        | _        | -        | 106        | $\dashv$ |          |         | 4         | -        | $\dashv$      | $\dashv$        | -             | _ |
|              | 7        | I,       |                 |           | _ | _        |                    | <u> </u>     | _            | Н               | -        | 57        | -               |               |         | ┼            | $\vdash$        |                 | +        | _        | -        | 107<br>108 | -        | +        | +       | +         | $\dashv$ | $\dashv$      | $\dashv$        | -             | _ |
|              | 8<br>9   | 1        |                 | $\dashv$  | _ | Н        | Н                  | ├-           |              | Н               | -        | 58<br>59  | $\vdash$        | -             | ┰       | ╀            | $\vdash$        | $\dashv$        | $\dashv$ | $\dashv$ | $\vdash$ | 109        | $\dashv$ | +-       | +       | +         | $\dashv$ | $\dashv$      | +               | +             | _ |
| -            | 10       | 1        | $\vdash$        |           |   | Н        |                    | $\vdash$     |              | Н               |          | 60        | 1-1             | +             | ┿       | ╁            | $\vdash$        |                 | +        | $\dashv$ | -        | 110        | $\vdash$ | +        | +       | +         | ┪        | -             | $\dashv$        | +             | _ |
| <del> </del> | 11       | V        | H               |           |   | Н        |                    | $\vdash$     | $\vdash$     | $\vdash \vdash$ |          | 61        | $\vdash$        |               | +       | ╁            | H               |                 | $\dashv$ | $\dashv$ |          | 111        | $\dashv$ | +        | +       | +         | 7        | $\dashv$      | +               | 十             | _ |
| -            | 12       | V        | Н               | $\dashv$  | - | Н        |                    |              |              | Н               |          | 62        |                 | _             | +-      | T            | Н               |                 | +        | _        |          | 112        | $\dashv$ | 十        | 7       | 1         | T        | T             | 寸               | 十             | _ |
| <u> </u>     | 13       | V        | $\vdash$        |           |   |          | $\vdash$           |              |              | Ħ               | ļ        | 63        |                 | $\top$        | 十       | 丅            | П               |                 | $\dashv$ | 7        |          | 113        |          | $\neg$   | ┪       | T         | 一        | ヿ             | $\exists$       | $\neg$        |   |
|              | 14       | 1        | П               |           |   |          |                    |              |              | П               |          | 64        |                 | $\neg \vdash$ |         |              |                 |                 |          |          |          | 114        |          |          |         |           |          |               | $\Box$          |               |   |
|              | 15       | 1        |                 |           |   |          |                    |              |              |                 |          | 65        |                 |               |         |              |                 |                 |          |          |          | 115        |          |          |         |           |          |               | $\Box$          |               |   |
|              | 16       | V        |                 |           |   |          |                    |              |              |                 |          | 66        |                 |               |         |              |                 |                 |          |          |          | 116        |          |          | _       | _         | _        | $\rightarrow$ | $\dashv$        | $\dashv$      |   |
|              | 17       | 1        |                 |           |   |          |                    |              |              | Ш               |          | 67        |                 | _ _           |         | <u> </u>     | Ш               | $\Box$          | _        |          |          | 117        | _        |          | _       | 4         | _        | _             | 4               | _             |   |
|              | 18       | 1        |                 | _         |   |          |                    | <u> </u>     |              |                 |          | 68        |                 |               |         | <u> </u>     |                 | _               | 4        | _        |          | 118        |          | _        | 4       | 4         | _        |               | 4               | +             | _ |
|              | 19       | 1        | Щ               |           |   |          |                    |              | _            | Н               | <u> </u> | 69        | $\sqcup$        |               | -       | 1            | $\sqcup$        |                 | +        | -        |          | 119        |          | +        | +       | +         | $\dashv$ |               |                 | +             |   |
|              | 20       | 1        | $\sqcup$        | _         |   | _        |                    | <u> </u>     | _            | $\square$       | <u> </u> | 70<br>71  | ₽               | _             | _       | 4—           | $\vdash$        | $\vdash$        | $\dashv$ | -        |          | 120<br>121 | $\dashv$ | +        | +       | +         |          | $\dashv$      | $\dashv$        | +             | _ |
| -            | 21       | 1        |                 | $\dashv$  |   | -        |                    | -            | -            | $\vdash\vdash$  |          | 72        | $\vdash$        | -             | +-      | +            | Н               | $\dashv$        | +        | $\dashv$ | $\vdash$ | 122        | -+       | -+-      | +       | +         | $\dashv$ | $\dashv$      | $\dashv$        | $\dashv$      |   |
|              | 22       | 1        | $\vdash$        | $\dashv$  |   |          |                    | ├            | ├            | $\vdash$        | $\vdash$ | 73        | +               | +             | +       | <del> </del> | Н               |                 | $\dashv$ | $\dashv$ |          | 123        | $\dashv$ | +        | +       | +         | ᅥ        | -             | $\dashv$        | $\dashv$      | — |
|              | 24       | 1        | $\vdash$        |           |   | ┝        | $\vdash$           | $\vdash$     |              | H               |          | 74        | ╆═┼             | -             | +       | ╁            |                 | $\dashv$        | -+       | $\dashv$ | <u> </u> | 124        | -        | +        | +       | +         | -        | -             | -+              | +             | _ |
|              | 25       | 1        | Н               | $\dashv$  |   | $\vdash$ | <del> </del>       | $\vdash$     | ┢            | H               |          | 75        | t               | +             | +       | +            |                 | $\dashv$        | -+       | $\dashv$ |          | 125        |          | $\top$   | +       | $\forall$ | 7        | 十             | _               | +             | _ |
|              | 26       | V        | H               | -         |   | $\vdash$ | -                  | $\vdash$     | -            | H               |          | 76        | Н               | $\dashv$      | ╅       | 十            | -               | Ħ               | $\dashv$ | _        |          | 126        | $\dashv$ | _        | $\top$  | +         |          | 寸             | 一               | $\neg \vdash$ |   |
|              | 27       | V        | $\Box$          |           |   |          | $\vdash$           |              | T            | Ħ               |          | 77        | $\Box$          | $\top$        | 1       | 1            |                 |                 | $\neg$   |          |          | 127        |          | _        | _       | $\top$    |          | ヿ             | $\neg$          | $\exists$     | _ |
|              | 28       | V        | Ħ               |           |   |          |                    |              | Т            | П               |          | 78        | $\Box$          |               | $\top$  |              |                 |                 |          |          |          | 128        |          |          | 1       |           |          | $\Box$        | $\Box$          | $\Box$        |   |
|              | 29       | V        |                 |           |   |          |                    |              |              |                 |          | 79        |                 |               |         |              |                 |                 |          |          |          | 129        |          |          |         |           |          |               | $\Box$          |               |   |
|              | 30       | V        |                 | _         |   |          |                    |              |              |                 |          | 80        |                 |               | $\perp$ |              |                 |                 |          | _] ·     |          | 130        |          |          | _ _     |           |          | $\perp$       | _               | $\dashv$      |   |
|              | 31       | 1        |                 |           |   |          |                    | _            | _            | Ш               | <u> </u> | 81        | Ш               | $\perp$       | $\bot$  | ↓            | Щ               |                 | $\perp$  | _        |          | 131        |          | 4        | _       | 4         | _        | ┵             | _               | $\dashv$      | _ |
|              | 32       | 1        |                 |           |   | <u> </u> |                    |              | L_           | Ш               |          | 82        | $\sqcup$        | $\perp$       | $\bot$  | -            | Ш               |                 | _        | _        |          | 132        | $\dashv$ | _        | +       | 4         |          |               |                 | +             | _ |
| _            | 33       | V        |                 |           |   | <u> </u> |                    | <u> </u>     | <u> </u>     | Ш               |          | 83        | $\vdash \vdash$ | +             | +       | +-           | $\vdash \vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ |          | 133        | $\dashv$ | +        | +       | +         | -        |               |                 | +             | _ |
| <u> </u>     | 34<br>35 | $\vdash$ | $\vdash \vdash$ |           |   | $\vdash$ |                    | $\vdash$     | $\vdash$     | H               | -        | 84<br>85  | $\vdash$        | +             | +       | +-           | $\vdash$        | $\vdash$        | +        | $\dashv$ |          | 134<br>135 | $\vdash$ | -+-      | +       | +         |          | $\dashv$      | $\dashv$        | +             |   |
| -            | 36       | ⊢        | $\vdash$        |           |   | -        |                    | ⊢            | $\vdash$     | Н               |          | 86        | $\vdash$        | -+-           | +       | +            | $\vdash$        | $\vdash$        | $\dashv$ |          |          | 136        |          | +        | +       | +         | ┪        | $\dashv$      | $\dashv$        | $\dashv$      | - |
| -            | 37       | ╁        | $\vdash$        | -         |   | $\vdash$ |                    | <del> </del> | -            | Н               |          | 87        | <del>   </del>  | +             | +       | ╁╌           | $\vdash$        |                 | $\dashv$ | $\dashv$ |          | 137        | $\dashv$ | $\top$   | ╅       | +         | $\dashv$ | 十             |                 | $\dashv$      | _ |
| -            | 38       | ╁        | Н               | -         | _ |          |                    | ┢            | -            | Н               | -        | 88        | $\vdash$        | $\dashv$      | +-      | T            |                 | $\vdash$        | _        | $\dashv$ |          | 138        |          | _        | $\top$  | †         | 7        | _             | $\dashv$        | 十             | _ |
|              | 39       | $\vdash$ | $\vdash \vdash$ | $\dashv$  |   |          | $\vdash$           |              | $\vdash$     | H               |          | 89        | $\vdash$        | 十             | $\top$  | +            | Н               | $\Box$          | $\dashv$ | _        |          | 139        | $\Box$   | $\dashv$ | $\top$  | $\top$    | 7        | $\dashv$      | $\neg \uparrow$ | $\top$        | _ |
|              | 40       | T        | Н               | $\exists$ |   | T        |                    |              | Г            | П               |          | 90        | $\Box$          |               | 1       | 1            | $\Box$          | Ħ               |          |          |          | 140        |          |          | ╛       |           | _†       | $\Box$        | 丁               |               | _ |
|              | 41       |          | П               |           |   | Г        |                    |              |              |                 |          | 91        |                 |               |         |              |                 |                 |          |          |          | 141        |          |          | I       |           |          |               | $\Box$          | $\Box$        |   |
|              | 42       |          |                 |           |   |          |                    |              |              |                 |          | 92        |                 |               |         |              |                 |                 |          |          |          | 142        |          |          |         |           |          | $\Box$        | $\Box$          | $\perp$       | _ |
|              | 43       |          |                 |           |   | 匚        | 匚                  |              |              |                 |          | 93        | $\Box$          | $\perp$       | 1       |              |                 | Ш               | $\Box$   | _        |          | 143        | $\Box$   | _        |         | _         |          |               |                 | $\dashv$      | _ |
|              | 44       | $\Box$   | Ш               |           |   |          | $oxedsymbol{oxed}$ | L.           | <u> </u>     | Ш               |          | 94        | $\sqcup$        |               | $\perp$ | ـــ          | Щ               | Ш               | _        | _        |          | 144        | $\vdash$ | $\dashv$ | $\bot$  | 4         | _        | _             | 4               | $\dashv$      | _ |
|              | 45       | L        | Ш               |           | _ | _        | <u> </u>           |              | _            | Ш               |          | 95        | $\sqcup$        | _             | $\perp$ | $\perp$      | _               | $\sqcup$        | _        | _        |          | 145        | $\sqcup$ | +        | $\perp$ | $\perp$   | $\dashv$ |               | 4               | $\dashv$      | _ |
| <u> </u>     | 46       | $\vdash$ | $\vdash$        |           |   | _        | <u> </u>           | _            | L_           |                 |          | 96        | $\vdash$        | $\dashv$      | +       | +            | $\vdash$        | $\sqcup$        | $\dashv$ | _        | <u> </u> | 146        | $\vdash$ | $\dashv$ | -       | +         | 4        | $\dashv$      |                 | +             | _ |
| -            | 47       |          |                 | =         |   | _        | <u> </u>           | _            | <del> </del> | Н               |          | 97        | $\vdash \vdash$ |               | +-      | +-           | $\vdash$        | $\vdash \vdash$ |          | $\dashv$ | -        | 147        |          | +        | +       | +         | $\dashv$ | $\dashv$      | $\dashv$        | +             | _ |
| -            | 48       | ⊢        | $\vdash$        | =         | _ |          | $\vdash$           |              | ├-           | $\vdash$        |          | 98        | $\vdash$        | -+            | +       | +            | $\vdash$        | $\vdash$        | $\dashv$ | $\dashv$ | -        | 148<br>149 | $\vdash$ | +        | +       | +         | -        | $\dashv$      | $\dashv$        | +             | _ |
| -            | 49<br>50 | $\vdash$ | $\vdash$        | _         | H | -        | ├                  | $\vdash$     | ├            | $\vdash$        | $\vdash$ | 99<br>100 | $\vdash$        | $\dashv$      | +       | +            | $\vdash$        | $\vdash$        | $\dashv$ | $\dashv$ |          | 150        | $\vdash$ | $\dashv$ | +       | +         | $\dashv$ | $\dashv$      | $\dashv$        | $\dashv$      | _ |
|              | 1 30     | Ц_       | لــــا          | $\Box$    | _ | <u> </u> |                    | ᆫ            | <u> </u>     | ш               |          | 100       |                 |               |         |              |                 | ш               |          |          | L        | 1 130      | ш        | i_       |         |           |          |               | 1               |               |   |